

Adam Abu Ghaida • adam.dypo.org

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EDUCATION

Carnegie Mellon University SCS , Bachelor of Science in Computer Science	2024 – 2028
▪ Relevant coursework: Fundamentals of Programming and Computer Science	
Dunecrest American School , IBDP Diploma (4.0/4.0 GPA)	2020 – 2024
▪ Relevant IBDP coursework: Math (AA) HL, Physics HL, and CS HL	
▪ Math capstone paper: “Chaos in Imagination”	
o Wrote research paper on complex numbers’ application in fractal structures	
▪ Computer Science capstone paper: “Blockchain and Hospitals”	
o Conducted a study on the cryptographic blockchain algorithms for hospitals	
MOOCs (Massively Open Online Courses) , completed 28 total, relevant selected below	
▪ Microsoft: Azure AI Fundamentals	Jun 2023
▪ IBM: Test and Behavior Driven Development	May 2023
▪ London App Brewery: Web Development Course	Dec 2020
▪ Pieran Data: Python	May 2019
▪ London App Brewery: Swift iOS App Development	Oct 2018

LEADERSHIP EXPERIENCE

DYPO, Founder & CEO (dypo.org)	Sep 2019 - Aug 2024
▪ Lobbied Lebanon’s Aley, Hasbaya, Abadieyh municipal reps to work on solar-powered internet infrastructure to reach 71k Druze families	
Dunecrest Board of Governors, Student Representative	Nov 2018 – Aug 2024
▪ Served as the student representative for the entire school population of 1000 students	
▪ Provided quarterly feedback reports to the board and collect information regarding every aspect of student life with a focus on how to impact the student learning and wellbeing	
Dunecrest Model United Nations, Secretary General & Founder	Nov 2018 – Aug 2024
▪ Led a conference with 100+ participating delegates and 20 chairs	
▪ Helped train chairs and delegates referring to official MUN guidelines	
▪ Organized topics related to cybersecurity and cybercrime inside the NATO committee	
Eagle Express Newspaper, Tech Leader & Founder	Nov 2019 – Aug 2024
▪ Appointed as the Technology Director for a team of over 30 writers	
▪ Designed and implemented an editing system for editors and journalists to interface	
TEDx@Dunecrest American School, Organizer & Founder	Sep 2020 – Aug 2024
▪ Organized an event that garnered hundreds of viewers using a live-streaming solution	
▪ Trained 20 students and adults in public speaking	
Dunecrest Coding Club, President & Founder	Sep 2017 – Aug 2024
▪ Organized classes and projects for over 20 students	
▪ Created competitions and facilitated coding fairs where students showed off their projects	
▪ Implementing a full curriculum for learning the essentials of programming using Python	

PROFESSIONAL EXPERIENCE

Shortpoint LLC, Software Developer	May 2023 – Nov 2024
▪ Engineered a mobile app that handled the booking of Padel-Tennis courts nationally.	
▪ Developed a comprehensive cloud-based architecture for the storage, real-time processing, and scalable distribution of booking data to a network of courts.	
▪ Achieved exclusivity agreement with the Government Sports Council to regulate bookings	

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Global Learning FZCO, Software Developer Intern

Jul 2023 – Nov 2023

- Developed a Contextual LLM using Anthropic's Claude 2
- Reduced instructional downtime by 20% for 150 classrooms, reaching 3000 students in 20 schools

Massarat FZCO, Software Developer Intern

Jun 2022 – Dec 2022

- Helped develop a Student Portfolio Neural Model to predict student trends
- Pioneered the iOS platform and database endpoints using a no-code platform (called Ditoffi), enabling Massarat to scale up to 2000+ active users in over 50 districts

CS Army (Computer Science Army - <https://discord.com/invite/sU2fur9>)

Nov 2018 – Present

- Supported an online community with over 20,000 global members
- Volunteered as a mentor for the Python and iOS development community

iDJ (iOS Development Journey)

Nov 2018 – Present

- Founder and current administrator of an online community with more than 200 active users
- Helped teach hundreds of aspiring programmers through video events, projects, and meetings

COMMUNITY SERVICE

Druze Council (The Initiative for Pioneers across Mount-Lebanon)

Aug 2023 – Present

- Delivering an extensive program that teaches the fundamentals of programming to Druze youth¹

#TodayAtApple Speaker

Dec 2019

- Spoke at Apple, Dubai Mall about my experience with coding and app development
- Hosted a workshop to help introduce people to coding as a part of the Hour of Code event

AWARDS

National Winner of the iOS Development Challenge, Ministry of Tolerance UAE

Apr 2023

- Selected from 5,000+ competitors to be the winner in the Dialogue and Education category

Github Student Developer Pack Winner, Github

Apr 2022

- Winner of over 200K USD worth of crucial development perks (hosting, licenses, & subscriptions)

CS Army Python Championship, CS Army

May 2022

- Selected as one of 200 winners from over 4,000 competitors

Best Chair in UNSC (United Nations Security Council), GWAMUN²

Jan 2023

- Selected by the committee of over 20 to be the best chair

Best Delegate for NATO (North Atlantic Treaty Organization), GWAMUN

May 2021

- Selected from a pool of 30 delegates

Best Position Paper for NATO (North Atlantic Treaty Organization), GWAMUN

May 2021

- Selected as the best position paper on Human Trafficking

Best Delegate for Dunecrest American School, GWAMUN

May 2021

- Selected from a pool of 20 top delegates

Finalist in MENA, Apple Swift Student Developer Competition

Apr 2021

- Apple's inaugural coding competition with over 5000 global participants

SKILLS

Spoken Languages – Fluent English and Arabic, Conversational Spanish and French

Computational Thinking – Fluency in tens of programming languages including Python, ObjC, Dart, and +
Communication –

¹ The Druze are the world smallest minority ethno-religious group with around a million members

² Gems World Academy Model United Nations (GWAMUN)